

FIG. 1D

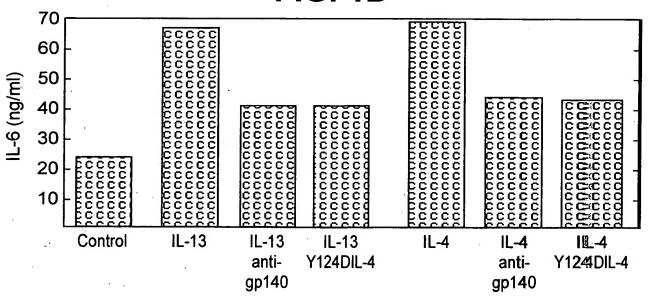


FIG. 2A

\leftarrow	GGTGCCTGTCGGGGGGGGGGGGATATCAAGGTTTTAAATCTCGGAGAAATGGCT $MetAla$	28
9 9 9	$\verb TTCGTTTGCTTGGCTATGCTTATATACCTTTCTGATAAGCACAACATTTGGCTGT \\ PheValCysLeuAlaIleGlyCysLeuTyrThrPheLeuIleSerThrThrPheGlyCys$	118 22
119	ACTTCATCTTCAGACACCGAGATAAAAGTTAACCCTCCTCAGGATTTTGAGATAGTGGAT ThrSerSerSerAspThrGluIleLysValAsnProProGlnAspPheGluIleValAsp	178 42
179	CCCGGATACTTAGGTTATCTCTATTTGCAATGGCAACCCCCCACTGTCTCTGGATCATTTT ProGlyTyrLeuGlyTyrLeuTyrLeuGlnTrpGlnProProLeuSerLeuAspHisPhe	238 62
239	AAGGAATGCACAGTGGAATATGAACTAAAATACCGAAACATTGGTAGTGAAACATGGAAG LysGluCysThrValGluTyrGluLeuLysTyrArgAsnIleGlySerGluThrTrpLys	298 82
299	ACCATCATTACTAAGAATCTACATTACAAAGATGGGTTTGATCTTAACAAGGGCATTGAA ThrIleIleThrLysAsnLeuHisTyrLysAspGlyPheAspLeuAsnLysGlyIleGlu	358 102
359 103	GCGAAGATACACACGCTTTTACCATGGCAATGCACAAATGGATCAGAAGTTCAAAGTTCC AlaLysTleHisThrLeuLeuProTrpGlnCysThr <u>AsnGlySer</u> GluValGlnSerSer	122
419	TGGGCAGAAACTACTTATTGGATATCACCACAAGGAATTCCAGAAACTAAAGTTCAGGAT TrpAlaGluThrTyrTrpIleSerProGlnGlyIleProGluThrLysValGlnAsp	478
479	ATGGATTGCGTATATTACAATTGGCAATATTTACTCTGTTCTTGGAAACCTGGCATAGGT MetAspCysValTyrAsnTrpGlnTyrLeuLeuCysSerTrpLysProGlyIleGly	538 162
163 163 163	GTACTTCTTGATACCAATTACAACTTGTTTTACTGGTATGAGGGCTTGGATCATGCATTA ValleuLeuAspThrAsnTyrAsnLeuPheTyrTrpTyrGluGlyLeuAspHisAlaLeu	598 182
599 183	CAGTGTGTTGATTACATCAAGGCTGATGGACAAAATATAGGATGCAGATTTCCCTATTTG GlnCysValAspTyrIleLysAlaAspGlyGlnAsnIleGlyCysArgPheProTyrLeu	658

FIG. 2B

659 203	GAGGCATCAGACTATAAAGATTTCTATATTTGTGTTAATGGATCATCAGAGAACAAGCCT GluAlaSerAspTyrLysAspPheTyrIleCysVal <u>AsnGlySer</u> SerGluAsnLysPro	718
719	ATCAGATCCAGTTATTTCACTTTTCAGCTTCAAAATATAGTTAAACCTTTGCCGCCAGTC IleArgSerSerTyrPheThrPheGlnLeuGlnAsnIleValLysProLeuProProVal	778 242
779	TATCTTACTTTTACTCGGGAGAGTTCATGTGAAATTAAGCTGAAATGGAGCATACCTTTG TyrLeuThrPheThrArgGluSerSerCysGluIleLysLeuLysTrpSerIleProLeu	838 262
839	GGACCTATTCCAGCAAGGTGTTTTGATTATGAAATTGAGATCAGAGAAGATGATACTACC GlyProlleProAlaArgCysPheAspTyrGluIleGluIleArgGluAspAspThrThr	898 282
8 2 8 3 3	TTGGTGACTGCTACAGTTGAAATGAAACATACACCTTGAAAACAACAAATGAAACCGA LeuValThrAlaThrValGlu <u>AsnGluThr</u> ThrThrLeuLysThrThr <u>AsnGluThr</u> Arg	958 302
303	CAATTATGCTTTGTAGTAAGAAGCAAAGTGAATATTTATT	1018
1019 323	AGTGAGTGGAGTGATAAACAATGCTGGGAAGGTGAAGACCTATCGAAGAAAACTTTGCTA SerGluTrpSerAspLysGlnCysTrpGluGlyGluAspLeuSerLysLysThrLeuLeu	1078 342
1.079	CGTTTCTGGCTACCATTTGGTTTCATCTTAATATTAGTTATTTGTAACCGGTCTGCTTAAGATTTCTGTAACCGGTCTGCTTAAGATTTCTTGTAACCGGTCTGCTTAATGTTATTTTTTTT	1138 362
1139 363	TTGCGTAAGCCAAACACCTACCCAAAAATGATTCCAGAATTTTTCTGTGATACATGAAGA Leu ArgLysProAsnThrTyrProLysMetIleProGluPhePheCysAspThr	1198 380
1199	CTTTCCATATCAAGAGACATGGTATTGACTCAACAGTTTCCAGTCATGGCCAAATGTTCA ATATGAGTCTCAAATGTTTTTTTTTT	1258

FIG. 2C

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IL13R	MAFVCLAIGCLYTFLISTTFGCTSSDTEIKVNPPQDFEIVDPGYLGYLY	. 50
IL13R	LOWOPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLNKG	100
IL5R	LQWKPNPDQEQ.RNVNLEYQVKINAPKEDDYETRITESKCVTILHKG	63
ILLSK ILSR	LEAKIHTLLPWQCTNGSEVQSSWAETTYWISPQGIPETKVQDMDCV	146
JJ13R	. YYNWQYLİQSWKPGIGVİLDTNYNLFYNYEGLDHALQQVDYIK	189
IL5R	EDNYSRLRSYQVSLHCTWLVGTDAPEDTQYFLYYRYGSWTEECQEYSK	187
IL13R	AD.GONIGGREP. YLEASDYKDEYICVNGSSENKPIRSSYFTFOLONIV	236
IL5R	DTLGRNIACWFPRTFILSKGRDWLSVLVNGSSKHSAIRPFDQLFALHAID	237

FIG. 2D

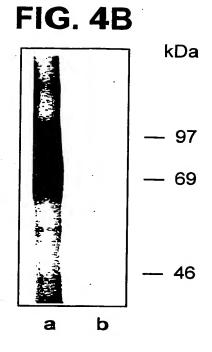
1	A 286 I 286	336	F 376		
j	REDDTTLVTA	DKQCWEGEDL 	PAPKSNIKDL	·	
FIG. 2D	KPLPPVYLTFTRESSCEIKLKWSIPLGPIPARCFDYEIEIREDDTTLVTA 	TVENĒTYTLKTTNEĪRQLCFVVRSKVNIYCSDDGIMSEWSDKQCWEGEDL 	SKKTLLRFWLPFGFILILVIFVTGLLLRKPNTYPKMIPEF 	CYIEKPGVETLEDSVF 420	
	KPLPPVYLTFTRESSCEIK 	TVENĒTYTLKTTNETRQLC	SKKTLLRFWLPFGFILILVIFVTGLLLRKPNTYPKMIP HKPLREWFVIVIMATICFILLILSLICKICHLWIKLFP	FCDT	
	IL13R IL5R	IL13R IL5R	IL13R IL5R	IL13R IL5R	+

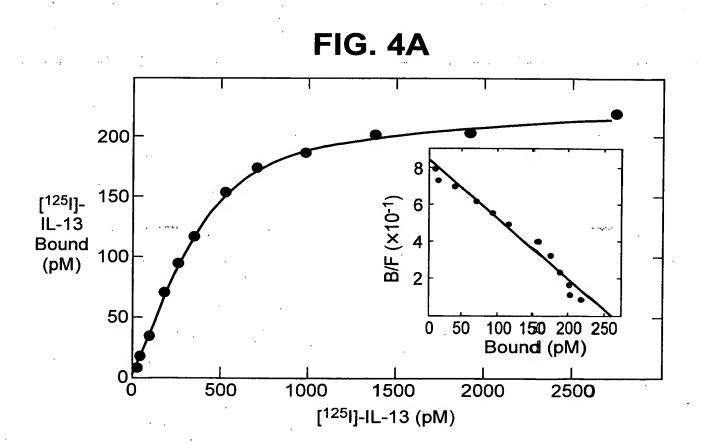
FIG. 3

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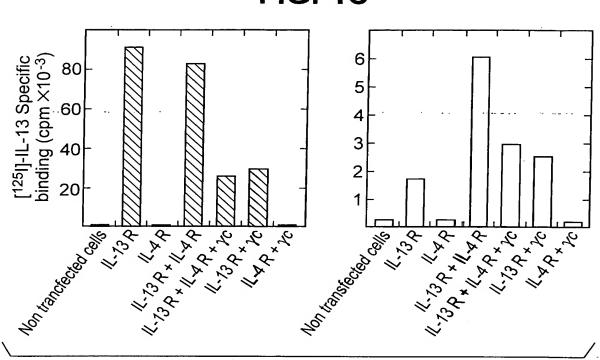


FIG. 4D

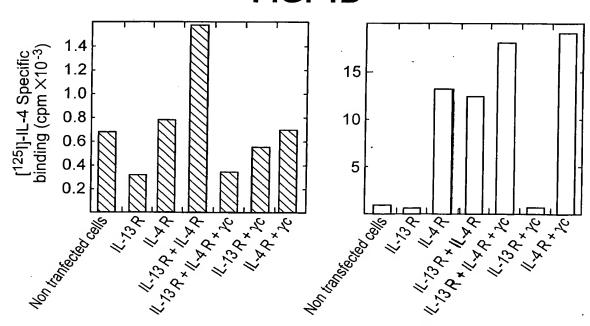


FIG. 5

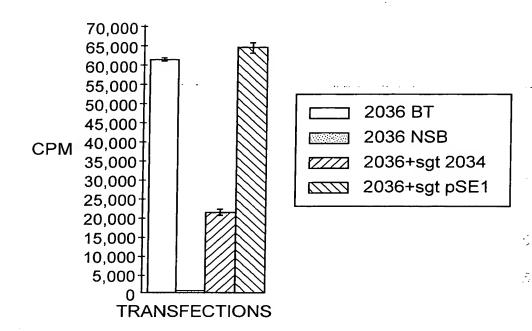


FIG. 6

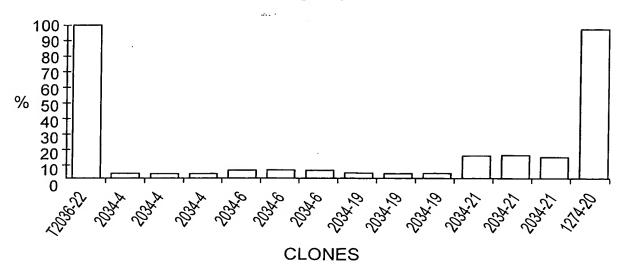


FIG. 7A

S	000	100	- - - - - - - - - - - - - - - - - - -		000		69	300		360	109		129	4 4 A A A A A A A A A A A A A A A A A A	149	540	169	009	189	099	209
1 TCAGCCCGGCCTCCGAGGCGAGGCTGCATGGAGTGGCGGCGGCGGCTTTTTTTT	0	٠,	$\overline{}$	٠,	$\overline{}$	1 TGGACATGGAATCCACCCGAGGGAGCCAGCTCAAATTGTAGTCTATGGTATTTAGTCAT	J 6	, ,	ン	¬ ∪	ノィ	\neg	ノ・	_ '	ー・	_ \	ノ「	_ (1 ACCAAAGTGAAGGATTCCAGTTTtGAACAACACAG	
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FIG. 7B

720	229	∞	249	840	269	0	∞	9	0	1020	2	0	4	\leftarrow		\sim	∞		0	1320	2
CA	A G K I K P S F N I V P L T S R V K P D	CCTCCACATATTAAAAACCTCTCCCTTCCACAATGATGACCTATATGTGCAATGGGAGAAT	PPHIKNLSEHNDDLYVQWEN	CCACAGAATTTTATTAGCAGATGCCTATTTTATGAAGTAGAAGTCAATAACAGCCAAACT	P Q N F I S R C L F Y E V E V N N S O T	GAGACACATAATGTTTTCTACGTCCAAGAGGCTAAATGTGAGAATCCAGAATTTGAGAGA	ETHNVFYVQEAKCENPEFER	AATGTGGAGAATACATCTTGTTTCATGGTCCCTGGTGTTCTTCCTGATACTTTGAACACA	N V E N T S C F M V P G V L P D T L N T	$egin{aligned} GTCAGAATAAGTTAAGTTATGCTATGAGGATGACAAACTCTGGAGTAAT bmatrix$	VRIRVKTNKLCYEDDKLWS [N	TGGAGCCAAGAAATGAGTATAGGTAAGAAGCGCAATTCCACACTCTACATAACCATGTTA	WSQEMSIGKKR'NSTLYITML	CTCATTGTTCCAGTCATCGTCGCAGGTGCAATCATAGTACTCCTGCTTTACCTAAAAAGG	LIVPVIVAGAIIIVLLLYKR	CTCAAGATTATTATATTCCCTCCAATTCCTGATCCTGGCAAGATTTTTAAAAGAAATGTTT	LKIIFPPIPGKIFKEMF	GGAGACCAGAATGATGATACTCTGCACTGGAAGAAGTACGACATCTATGAGAAGCAAACC	G D Q N D D T L H W K, K Y D I Y E K O T	AAGGAGGAAACCGACTCTGTAGTGCTGATAGAAAACCTGAAGAAAGCCTCTCAGTGATGG	KEETDSVVLIENLKKASQ*
61	10	21	30	_	\smile	— '		_ ,	\cup	1	\smile ,	_	\mathcal{O}	, I	$\overline{}$	· ·	$\overline{}$		\bigcirc		\cup

FIG. 7C

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FIG. 7D

61	AGAGATGAGGTGG	282
7 T O	TGAACCTATTTCT	888
αL 1	TGATTAATTAAATA	294
4 T	TGCTTTTGGGGGG	300
UT 7	TATCCCTCTACT	306
0 T 0 1		312
7 T	IATTTCCAAGTTG	318
α ,	CCTGCTCCTAGGGGGGGGGGGATAAGAAACCCTCACTCTACAGGTTTGGGTACAAGT	324
T 7 7	GUAAUCTGCTTCCATGGCCGTGTAGAAGCATGGTGCCCTGGCTTCTCTGAGGAAGCTGG	330
0.1	GTTCATGACAATGGCAGATGTAAAGTTATTCTTGAAGTCAGATTGAGGCTGGGAAAA	3000
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21		747
81	CHACCAPPPPP CPCFF A COCHE A COLLEGE A LITTURE TO LOGGRADO CARABACO CALLA COLLA	24 α -
1 7	TOCOCCITION OF THE TRAINED OF THE THEORY OF THE THEORY OF THE TOTAL OF	354(
- ナ C	1 I COCAACAACAT TGATGCTGACAGTCATGCAGTCTGGGAGTGGGGAAGTGATCTTTT	360
7 C	I I CCCAT CCT CTT CTT THE GCAGTAAAATAGCTGAGGGAAAAGGGAAAAGGAAAAGTAGT	366
7 C	ATGGGAATACCTGTGTGTGATCCCTAGGTCTTGGGAGCTCTTGGAGGTGTCTGT	372(
77	TCAGTGGATTTTCCCATCCCCTGTGGGAAATTAGTAGGCTCATTTACTGTTTTAGGTCTA	378(
 ∞	CCTATGTGGATTTTTCCTAACATACCTAAGCAAACCCAGTGTCAGGATGGTAATTTT	384
41		
0,		0000
1 2		396(
	GCIIGAGIAAAAIAAAIAIIIIIIIIIIIIIIIIIIIII	

FIG. 7E

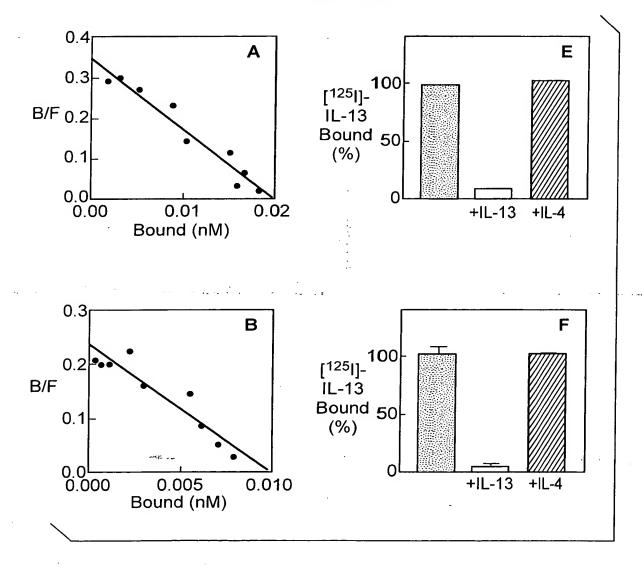
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201	2	50
198 :. :. . . RPSCKIVSLTSYVKPDPPHIKHLLLKNGALLVQWKNP	47

FIG. 7F

ONFISRCLFYEVEVNNSQTETHNVFYVQEAKCENPEFERNVENTSCEMVPPORFISECTYEVEVNNSQTETHNVFYVQEAKCENPEFERNVENTSCEMVPPORFISECTIVEVEVNNTQTDRHNILEVEEDKCQNSESDRNMEGTSCFQLPGVLADDTLNTVRIRVKTNKLCYEDDKLMSNMSQEMSIGKKRNSTLYITMLLGVLADAVTVRVRVKTNKLCYEDDKLMSNMSQEMSIGKKRNSTLYITMLLIVPVIVAGAIIVLLYLKRLKIIIFPPIPDPGKIFKEMFGDQNDDTLHWK.:	K Mouse Tuman Human		rscfolp 297←	YITMLL 350	YTTMLL 347	ODTLHWK 400)))))))))		
	$\frac{\text{IL-13}\infty}{\text{IL-13}\infty}$	ONFISRCLFYEVEVNNSQTETHNVFYVQEAKCENPEFERNVENT	QNFRSRCLTYEVEVNNTQTDRHNILEVEEDKCQNSESDRNMEGTSCFQLP	GVLPDTLNTVRIRVKTNKLCYEDDKLWSNWSQEMSIGKKRNSTL	GVLADAVYTVRVRVKTNKLCFDDNKLWSDWSEAQSIGKEQNSTF	IVPVIVAGAİIVLLLYLKRİKIIIFPPIPDPGKIFKEMFĞDQND .: : : : : :	TIPVEVAVAVIILLFYLKRLKIIIFPPIPDPGKIFKEMFGDQND	SVVLIËNLKKASQ	

FIG. 8A



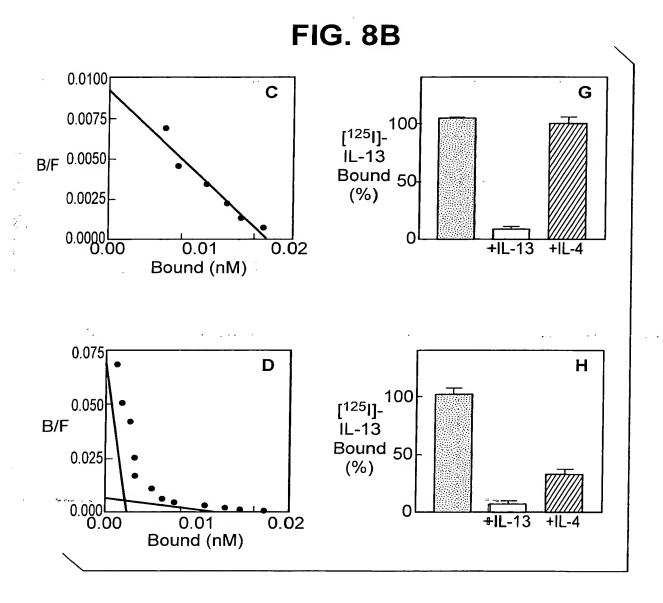
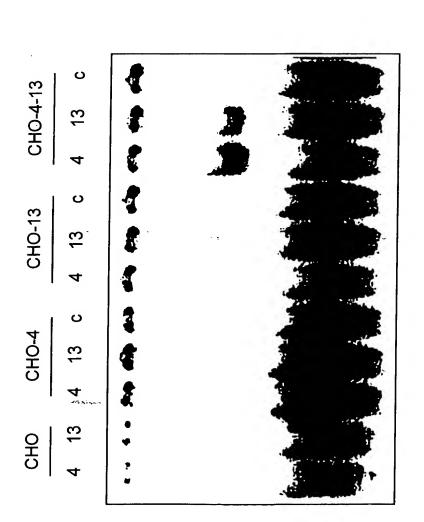


FIG. 9



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